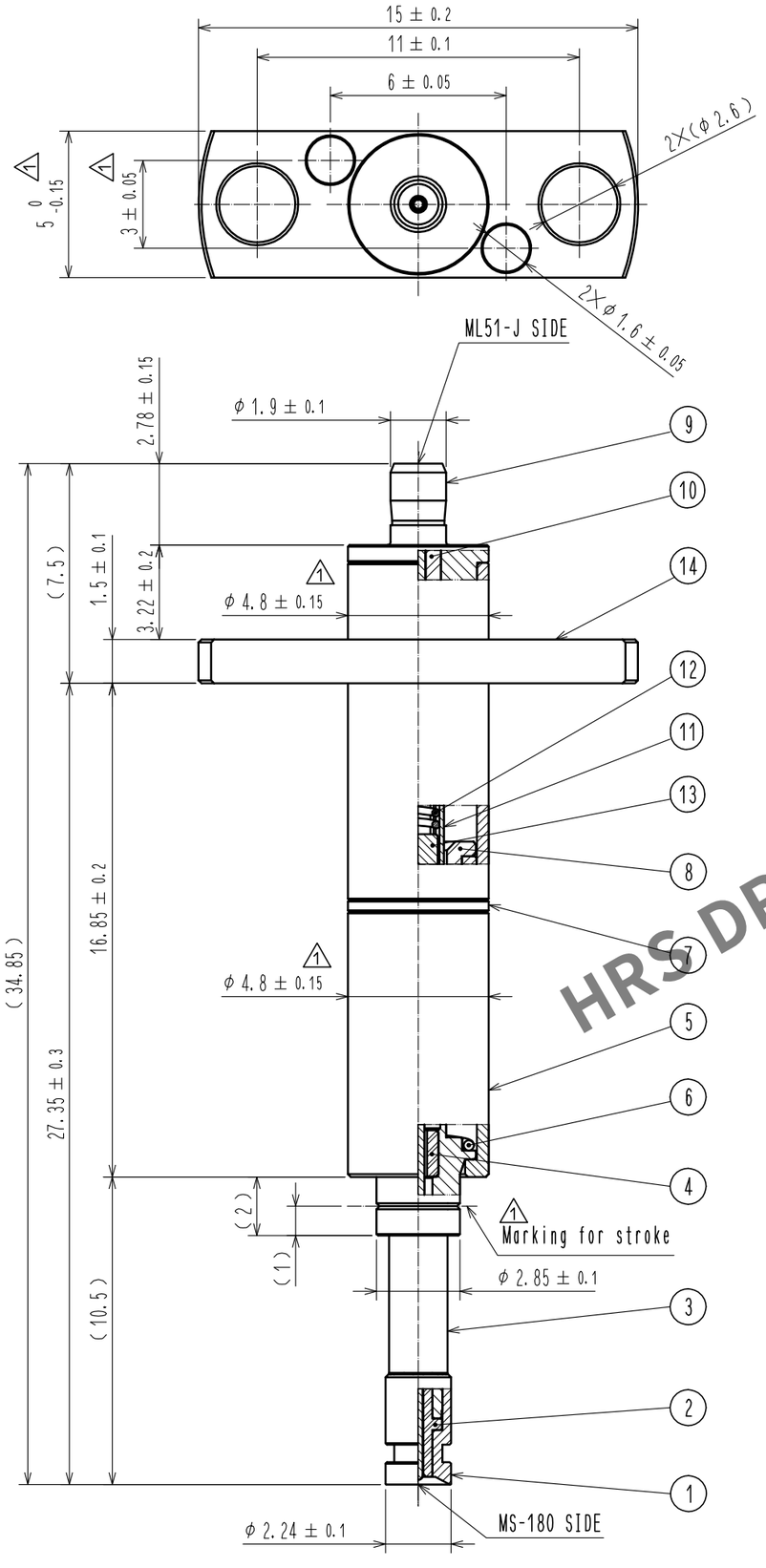
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In case of consideration for using Automotive equipment / device which demand high reliability, kindly contact our sales window correspondents.

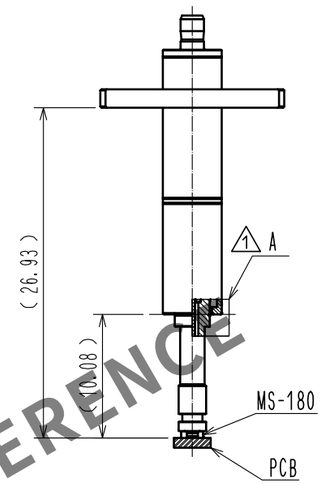
HRS DRAWING FOR REFERENCE



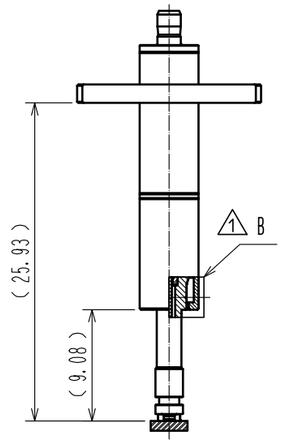
MATED CONDITION(2:1)

1 Recommend stroke range:1mm(Min)~2mm(Max)

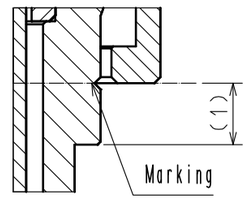
【Stroke range:1mm】



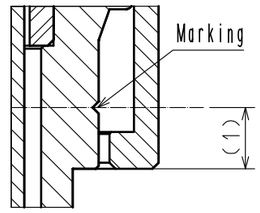
【Stroke range:2mm】



1 A (10:1)



1 B (10:1)



Note. 1 Please mate this product (MS-180-ML51.J-F6) vertically to the receptacle (MS-180) within the the recommend stroke range.

2. The mating warranty on our inspection probe only apply to our MS switches. HRS won't guarantee the effectiveness on other manufactures' product.

RoHS COMPLIANT

NO.	MATERIAL	FINISH , REMARKS	NO.	MATERIAL	FINISH , REMARKS
7	BERYLLIUM COPPER	GOLD PLATING	14	PHOSPHOR BRONZE	NICKEL PLATING
6	PIANO WIRE	NICKEL PLATING	13	BERYLLIUM COPPER	GOLD PLATING
5	PHOSPHOR BRONZE	NICKEL PLATING	12	PIANO WIRE	GOLD PLATING
4	PTFE		11	BERYLLIUM COPPER	GOLD PLATING
3	BERYLLIUM COPPER	GOLD PLATING	10	PTFE	
2	PTFE		9	STAINLESS STEEL	GOLD PLATING
1	STAINLESS STEEL	GOLD PLATING	8	PTFE	

UNITS	SCALE		COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
mm	5 : 1	2	9	DIS-D-00003884	RO. FURUYAMA	NK. NINOMIYA	20190222

HIROSE ELECTRIC CO., LTD.

APPROVED	KH. IKEDA	20170324	DRAWING NO. EDC-373693-00-00
CHECKED	NK. NINOMIYA	20170324	PART NO. MS-180-ML51.J-F6
DESIGNED	RO. FURUYAMA	20170324	CODE NO. CL358-0362-0-00
DRAWN	RO. FURUYAMA	20170324	2 1/1